

Claims:

- 5 1. A water soluble container containing a concentrate composition comprising:
- (a) at least one surfactant selected from non-ionic surfactants, anionic surfactants, and mixtures thereof;
- (b) at least 70%wt. of at least one organic solvent having a solubility in water of at least 4%wt.;
- 10 (c) optionally, but desirably at least one alkanolamine; and
- (d) optionally, up to about 10% wt. of one or more conventional additives selected from coloring agents, fragrances and fragrance solubilizers, further surfactants, pH adjusting agents and pH buffers, optical brighteners, opacifying agents, hydrotropes, anti-oxidants, and preservatives;
- 15 wherein said composition contains no more than 1%wt. water.
2. A water soluble container containing a concentrate composition comprising:
- (a) at least one surfactant selected from non-ionic surfactants, anionic surfactants, and mixtures thereof;
- 20 (b) at least 70%wt. of at least one organic solvent having a solubility in water of at least 4%wt.;
- (c) optionally, but desirably at least one alkanolamine; and
- (d) optionally, up to about 10% wt. of one or more conventional additives selected from coloring agents, fragrances and fragrance solubilizers, further surfactants, pH
- 25 adjusting agents and pH buffers, optical brighteners, opacifying agents, hydrotropes, anti-oxidants, and preservatives;
- wherein said composition contains no more than 5.5%wt. water.
3. A water soluble container containing a concentrate composition comprising:
- 30 (a) at least one surfactant selected from non-ionic surfactants, anionic surfactants, and mixtures thereof;

(b) at least 70%wt. of at least one organic solvent having a solubility in water of at least 4%wt.;

(c) optionally, but desirably at least one alkanolamine; and

(d) optionally, up to about 10% wt. of one or more conventional additives selected from coloring agents, fragrances and fragrance solubilizers, further surfactants, pH adjusting agents and pH buffers, optical brighteners, opacifying agents, hydrotropes, anti-oxidants, and preservatives;

wherein said composition contains in excess of 7.5%wt. water, but not more than about 12.5%wt. water.

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4. A water soluble container containing a concentrate composition according to any of claims 1 – 3 wherein the concentrate composition comprises (c) at least one alkanolamine.

15 5. A water soluble container containing a concentrate composition according to any of claims 1 – 4 wherein the concentrate composition exhibits a flash point of at least 105°F.

20 6. A water soluble container containing a concentrate composition according to any of claims 1 – 5 wherein (b) the at least one organic solvent having a solubility in water of at least 4%wt. is present in an amount of at least 75%wt.

25 7. A water soluble container containing a concentrate composition according to any of claims 1 – 4 wherein the concentrate composition comprises (b) at least 70%wt. of at least one organic solvent having a solubility in water of at least 4%wt. which comprises propylene glycol n-butyl ether and propylene glycol methyl ether and optionally comprises a C₁-C₆ glycol, or a C₁-C₆ monohydric alcohol.

30 8. A water soluble container containing a concentrate composition according to claim 7 wherein the concentrate composition comprises (b) at least 70%wt. of at least one organic solvent having a solubility in water of at least 4%wt. which comprises

propylene glycol n-butyl ether, propylene glycol methyl ether and a C₁-C₆ monohydric alcohol.

9. A water soluble container containing a concentrate composition according to any
5 of claims 1 – 8 wherein the (a) at least one surfactant selected from non-ionic surfactants,
anionic surfactants, and mixtures thereof comprises a C₁₀-C₁₄alkyl sulfate surfactant, a
C₁₀-C₁₄alkyl ether sulfate surfactant and mixture thereof, further in conjunction with one
or more nonionic alkylpolyglycoside surfactants.
10. A water soluble container containing a concentrate composition according to
10 claim 9 wherein the (a) at least one surfactant selected from non-ionic surfactants, anionic
surfactants, and mixtures thereof consists essentially of a C₁₀-C₁₄alkyl sulfate surfactant,
a C₁₀-C₁₄alkyl ether sulfate surfactant and mixture thereof, further in conjunction with
one or more nonionic alkylpolyglycoside surfactants.
11. A water soluble container containing a concentrate composition according to any
15 of claims 1 – 8 wherein the (a) at least one surfactant selected from non-ionic surfactants,
anionic surfactants, and mixtures thereof comprises at least one nonionic surfactant based
on an ethoxy/propoxy block copolymer, further in conjunction with at least one nonionic
20 surfactant based on ethoxylated fatty alcohols, and wherein the concentrate composition
further includes as a further surfactant an alkoylated quaternary ammonium compound.
12. A water soluble container containing a concentrate composition according to any
25 of claims 1 – 8 wherein the (a) at least one surfactant selected from non-ionic surfactants,
anionic surfactants, and mixtures thereof consists essentially of at least one nonionic
surfactant based on an ethoxy/propoxy block copolymer, further in conjunction with at
least one nonionic surfactant based on ethoxylated fatty alcohols,
and wherein the concentrate composition further includes as a further surfactant
an alkoylated quaternary ammonium compound.

13. The water soluble container according to any of claims 1 - 12 which comprises a thermoformed or injection molded water soluble polymer.

5 14. The water soluble container according to claim 13 wherein the water soluble polymer is poly(vinyl alcohol).

15. A process for treating a surface, particularly a hard surface especially one or more selected from polished metal surfaces, glass and mirrors in need of cleaning, comprising the process steps of:

10 placing a water soluble container containing a concentrate composition according to any of the preceding claims into a larger quantity of water;

allowing the water soluble container to dissolve in the water to form a cleaning solution;

15 and applying an effective amount of the solution to the surface in need of treatment.